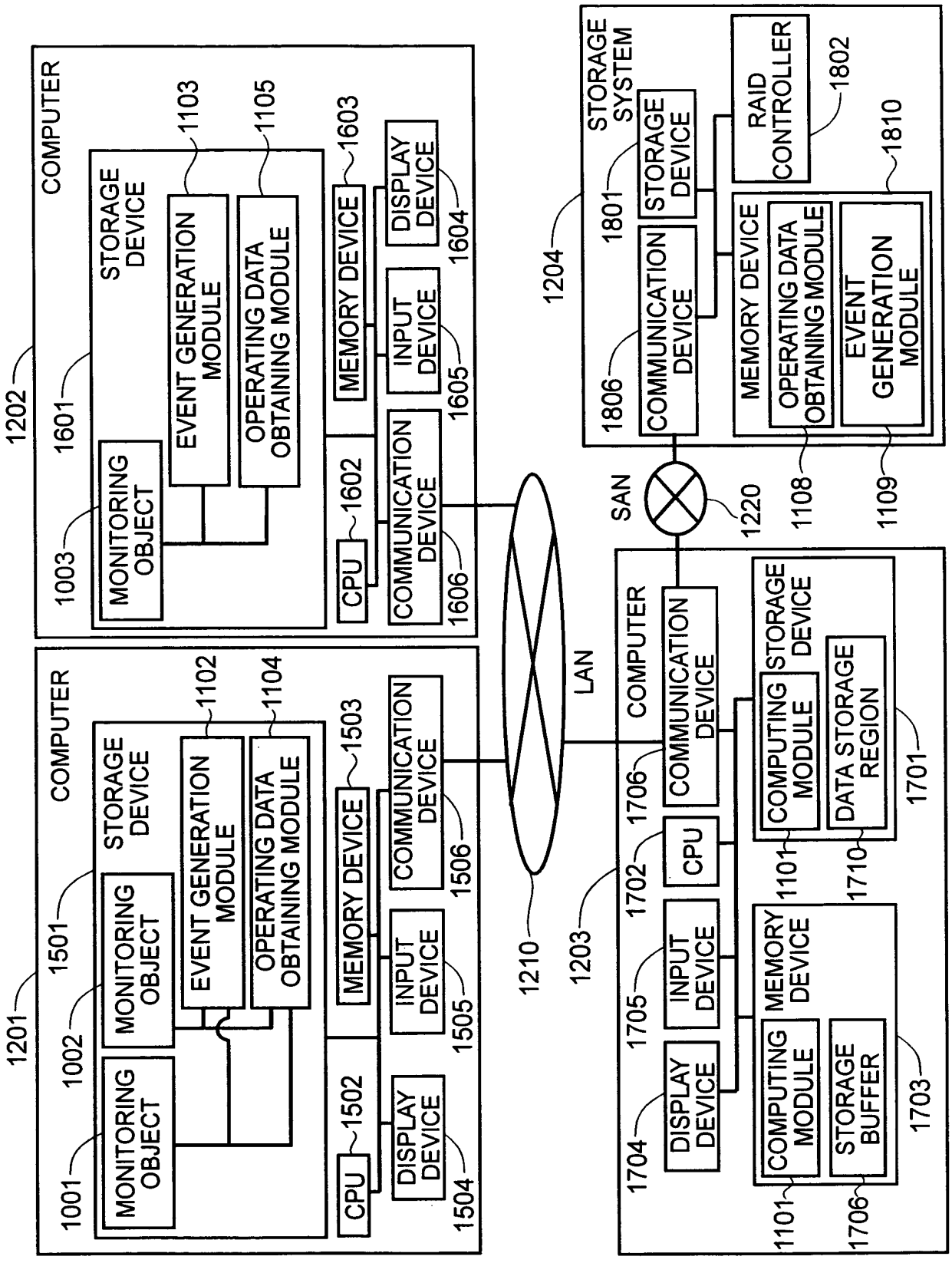
COMPUTER
1202
1601
STORAGE DEVICE
1103
EVENT GENERATION MODULE
1105
OPERATING DATA OBTAINING MODULE
1003
MONITORING OBJECT
1603
MEMORY DEVICE
1604
DISPLAY DEVICE
1602
CPU
1605
INPUT DEVICE
1606
COMMUNICATION DEVICE
COMPUTER
1201
1501
STORAGE DEVICE
1102
EVENT GENERATION MODULE
1104
OPERATING DATA OBTAINING MODULE
1002
MONITORING OBJECT
1503
MEMORY DEVICE
1506
COMMUNICATION DEVICE
1001
MONITORING OBJECT
1502
CPU
1505
INPUT DEVICE
1504
DISPLAY DEVICE
LAN
1210
SAN
1220
1204
STORAGE SYSTEM
1801
STORAGE DEVICE
1802
RAID CONTROLLER
1806
COMMUNICATION DEVICE
MEMORY DEVICE
1810
1108
OPERATING DATA OBTAINING MODULE
1109
EVENT GENERATION MODULE
COMPUTER
1203
1706
COMMUNICATION DEVICE
1702
CPU
1705
INPUT DEVICE
1704
DISPLAY DEVICE
1101
COMPUTING MODULE
MEMORY DEVICE
1710
STORAGE DEVICE
COMPUTING MODULE
DATA STORAGE REGION
1701
1703
STORAGE BUFFER
1101
1706

FIG.1

FIG.2

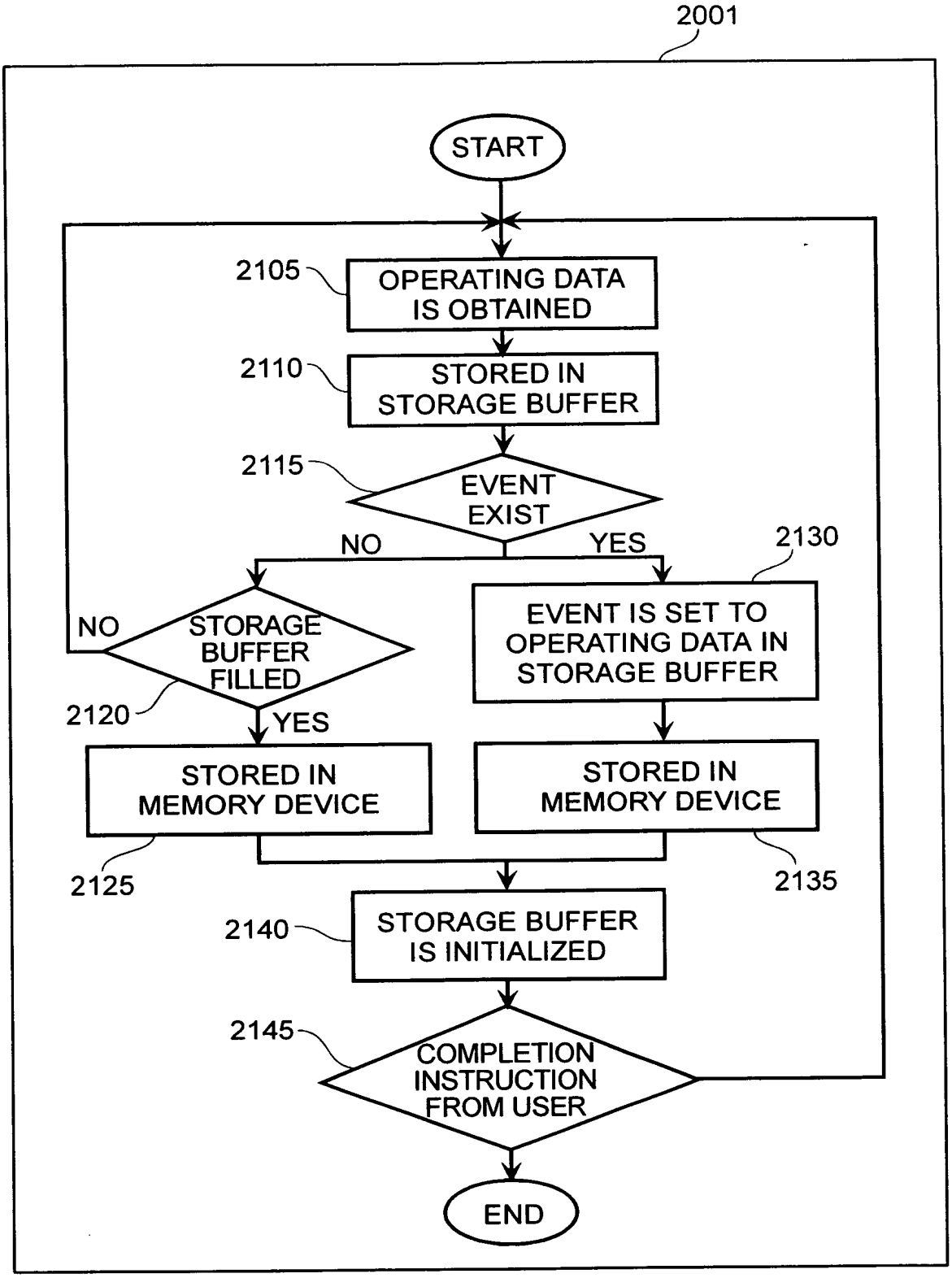
2001
START
2105
OPERATING DATA IS OBTAINED
2110
STORED IN STORAGE BUFFER
2115
EVENT EXIST
NO
YES
2130
EVENT IS SET TO OPERATING DATA IN STORAGE BUFFER
NO
STORAGE BUFFER FILLED
2120
YES
STORED IN MEMORY DEVICE
STORED IN MEMORY DEVICE
2125
2135
2140
STORAGE BUFFER IS INITIALIZED
2145
COMPLETION INSTRUCTION FROM USER
END

FIG.3

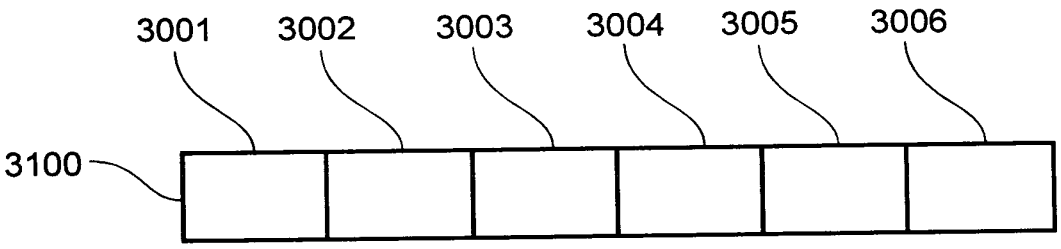
3001
3002
3003
3004
3005
3006
3100

FIG.4

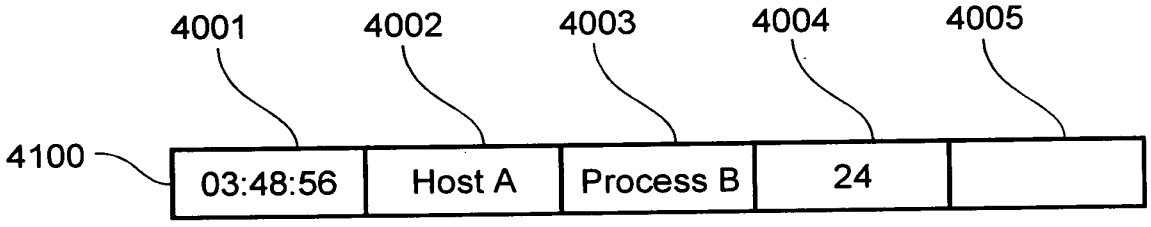
4001
4002
4003
4004
4005
4100
03:48:56
Host A
Process B
24

FIG.5

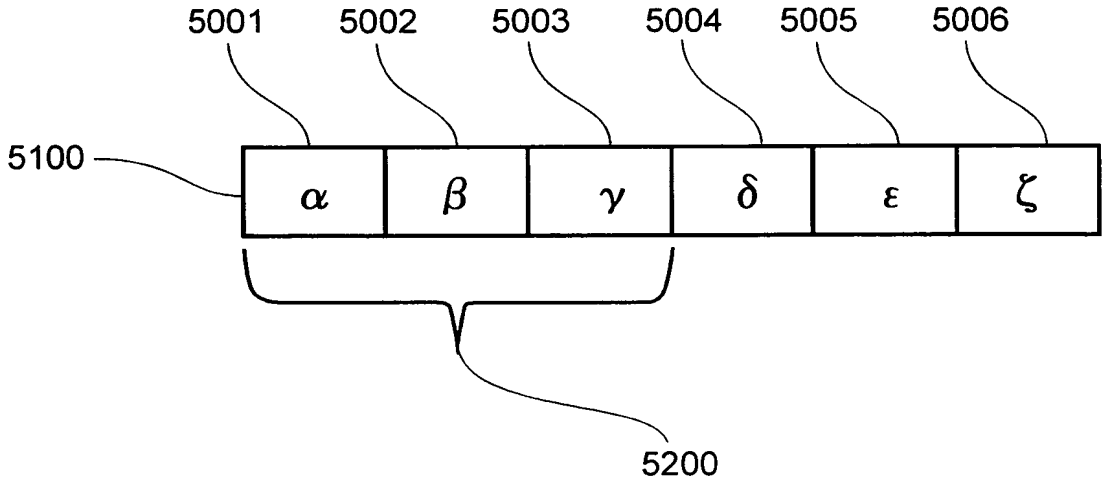
5001
5002
5003
5004
5005
5006
5100
α
β
γ
δ
ε
ζ
5200

FIG.6

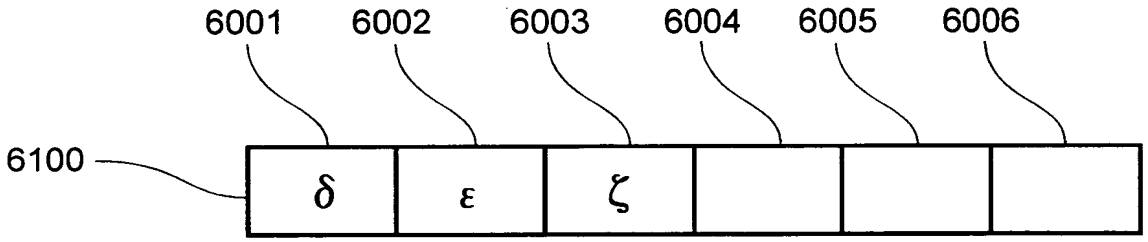
6001
6002
6003
6004
6005
6006
6100
δ
ε
ζ

FIG.7

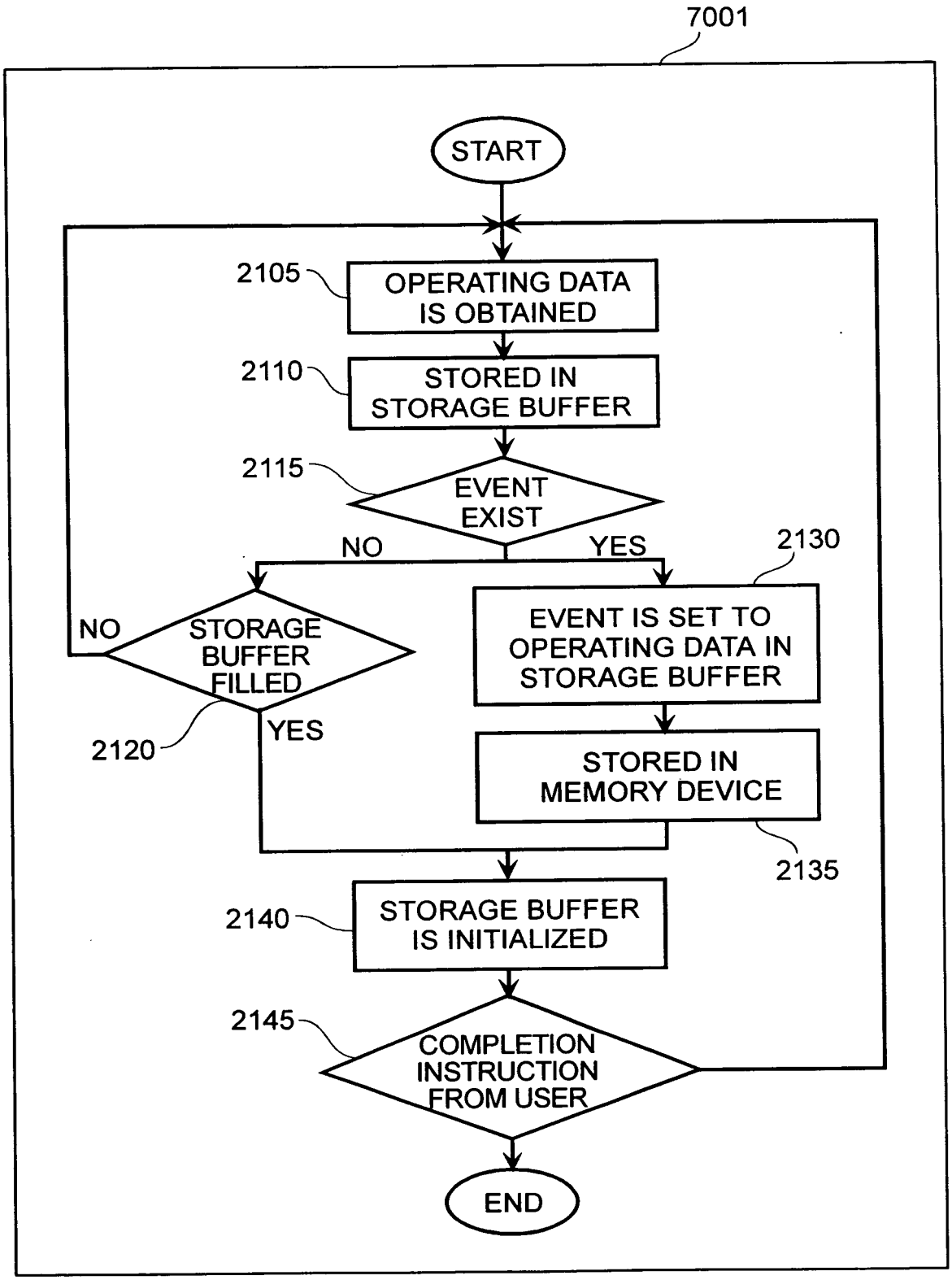
7001
START
2105
OPERATING DATA IS OBTAINED
2110
STORED IN STORAGE BUFFER
2115
EVENT EXIST
NO
YES
2130
EVENT IS SET TO OPERATING DATA IN STORAGE BUFFER
STORED IN MEMORY DEVICE
2135
NO
STORAGE BUFFER FILLED
YES
2120
2140
STORAGE BUFFER IS INITIALIZED
2145
COMPLETION INSTRUCTION FROM USER
END

FIG.8

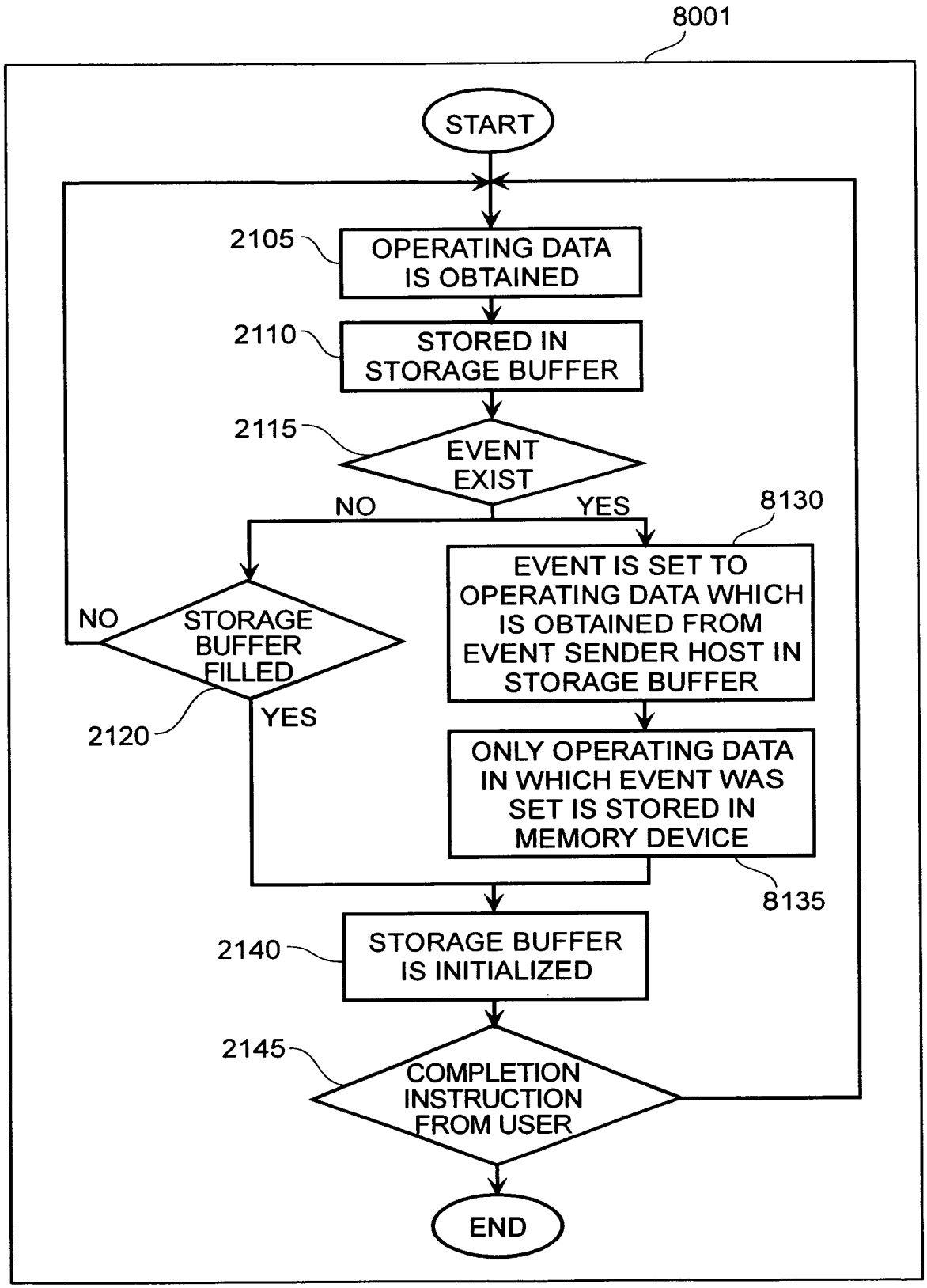
8001
START
2105
OPERATING DATA IS OBTAINED
2110
STORED IN STORAGE BUFFER
2115
EVENT EXIST
NO
YES
8130
EVENT IS SET TO OPERATING DATA WHICH IS OBTAINED FROM EVENT SENDER HOST IN STORAGE BUFFER
ONLY OPERATING DATA IN WHICH EVENT WAS SET IS STORED IN MEMORY DEVICE
8135
NO
STORAGE BUFFER FILLED
2120
YES
2140
STORAGE BUFFER IS INITIALIZED
2145
COMPLETION INSTRUCTION FROM USER
END

FIG.9

9001

	9002 TIME	9003 HOST	9004 PROCESS ID	9005 RESPONSE TIME	9006 EVENT
9010	03:45:01	A	180	60 msec	
9011	03:46:00	B	602	120 msec	
9012	03:47:01	A	180	420 msec	a down
9013	03:47:58	B	602	80 msec	a down
9014	03:49:00	A	180	640 msec	a down

FIG.10

10001

	9002 TIME	9003 HOST	9004 PROCESS ID	9005 RESPONSE TIME	9006 EVENT
9012	03:47:01	A	180	420 msec	a down
9014	03:49:00	A	180	640 msec	a down